

No excuse for ugly ... or is there?



SINCE 1828

MENU

Dictionary



ugly

: unpleasant to hear

: offensive or disgusting

Source: Merriam-Webster's Learner's Dictionary

Examples: UGLY in a sentence

Full Definition of UGLY

uglier ugliest

1 : **FRIGHTFUL, DIRE**

2 **a** : offensive to the sight : **HIDEOUS**

b : offensive or unpleasant to any sense

3 : morally offensive or objectionable <corruption—the *ugliest* stain of all>



Visual preference survey





AMERICA

The
Beautiful



1868, 1970, 1985

A photograph of a multi-lane highway with traffic lights and greenery in the background. The text is overlaid on the upper portion of the image.

"Attention should be given during the preliminary planning to those elements that add to the attractiveness of the route."

AASHO Statement of Policy 1961

A large photograph of Lady Bird Johnson standing in a field of colorful wildflowers (red, yellow, and blue) next to a wooden fence. She is wearing a bright green suit and a white polka-dot scarf. In the background, a road curves through a green landscape under a cloudy sky.

Acts of Beauty

Highway Beautification Act Turns 50

WRITTEN BY CHRISTINA KOSTA PROCOPIOU

Lady Bird Johnson stands in a field of wildflowers alongside a Texas state highway. The first lady inspired the Highway Beautification Act of 1965, which celebrates its 50th anniversary this October. Doing so, she set in motion a number of roadside-related initiatives that endure to this day.



Photo: LBJ Library Photo: by Frank Wolfe

...to protect the public investment in such highways, to promote the safety and recreational value of public travel, and to preserve natural beauty. 23 U.S. Code § 131

"We must reject the kind of 'either-or' approach which maintains that transportation goals are inconsistent or in contention with other personal and community aspirations."



*Lowell Bridwell FHWA Administrator
Freeway in the City, 1966*

A photograph of the Florida State Capitol building in Tallahassee, Florida. The building is a large, white, neoclassical structure with a prominent portico supported by columns. A tall clock tower rises from the center of the building. The sky is filled with dramatic, white, streaky clouds. The text "It shall be the policy of the state to conserve and protect its natural resources and scenic beauty." is overlaid in white, italicized font across the top half of the image.

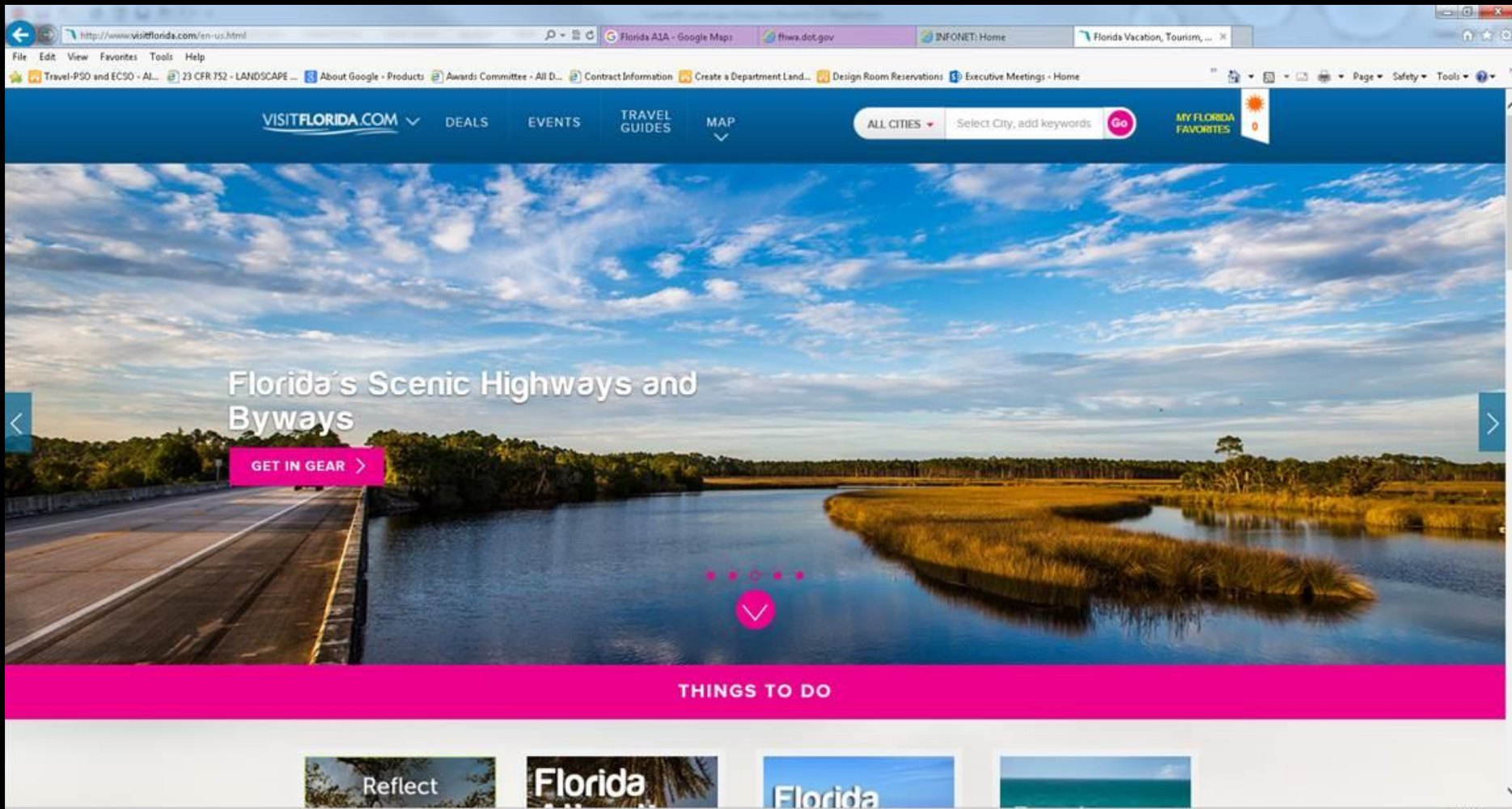
*It shall be the policy of the state to
conserve and protect its natural
resources and scenic beauty.*

Constitution of the State of Florida, Article II, Section 7 (a)
Adopted, 1968

1970 National Environmental Policy Act Sec. 10
[42 USC § 433]



*...assure for all Americans safe,
healthful, productive and aesthetically
and culturally pleasing surroundings.*



Florida's beauty is Florida's source of tourism and growth that are, in turn, the engines of our sales tax based economy.

Florida Governor Charlie Crist, January 28, 2009 Tallahassee Democrat, editorial, page 2B

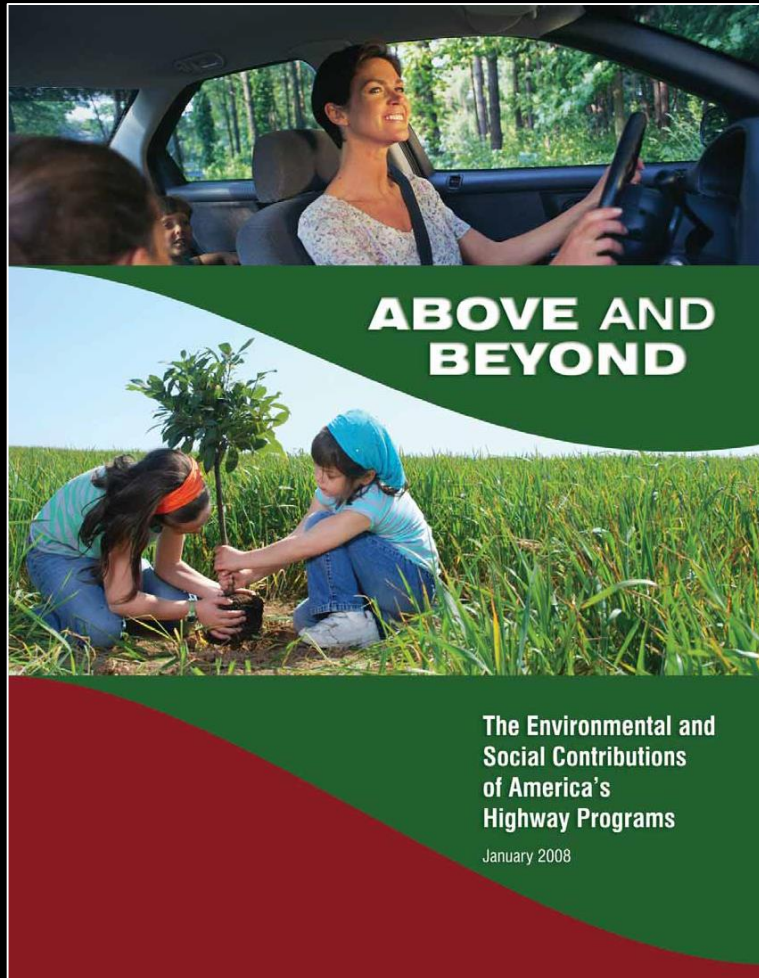
"Aesthetics matter in everything we do."



Secretary Ananth Prasad, 10/13/2014



Center for Environmental Excellence by AASHTO
One Stop Source of Environmental Information for Transportation Professionals

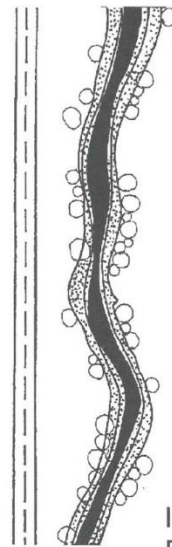


Qualities of Excellence in Transportation Design:

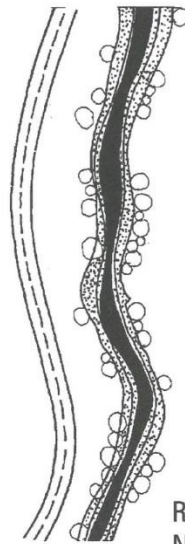
...In harmony with the community, and it preserves environmental, scenic, aesthetic, historic and natural resource values of the area, i.e., exhibits context sensitive design.

"The department will provide a safe transportation system that ensures the mobility of people and goods, enhances economic prosperity and preserves the quality of our environment and communities."

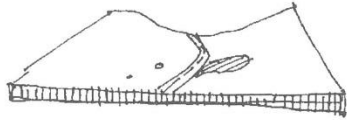




Inappropriate
Road Design



Road Respects
Natural River Edge



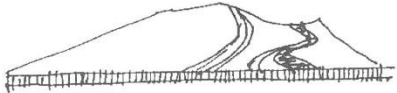
Preservation of
Prehistoric and
Historic
Archaeological Sites



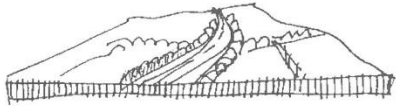
Recognition of Special
Viewsheds and Scenic Character



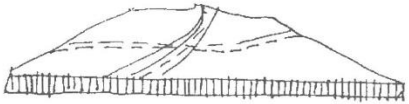
Preservation of
Historic Landscapes



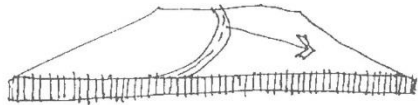
Respect of Rivers, Streams,
and Natural Drainage Ways



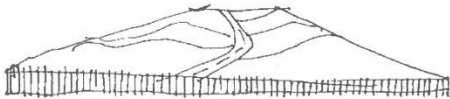
Recognition of
Edges, Fence Lines, Tree Lines



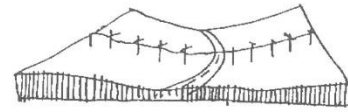
Respect for
Historic Road Traces



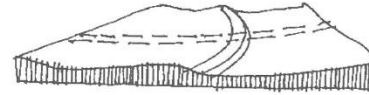
Recognition of
Distant Vistas,
Mountains, Rivers, Oceans,
Lakes, and Horizons



Preservation of Natural
Land Forms



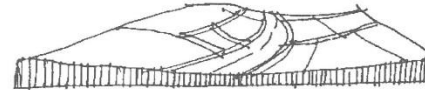
Coordination with Utilities



Planning for Future Roads



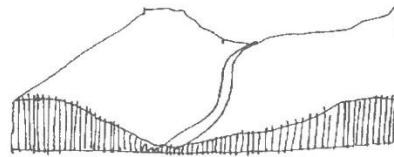
Considerations of
Adjacent Land Use



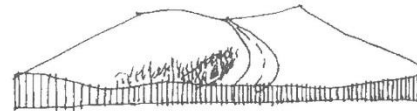
Preservation of Farm Lands



Preservation of
Context of Communities



Highway Location
To Provide Views



Avoidance of Wetlands

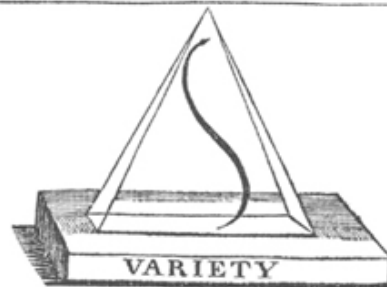
Flexibility in Highway Design

THE
ANALYSIS
OF
BEAUTY.

Written with a view of fixing the fluctuating IDEAS of
TASTE.

BY WILLIAM HOGARTH.

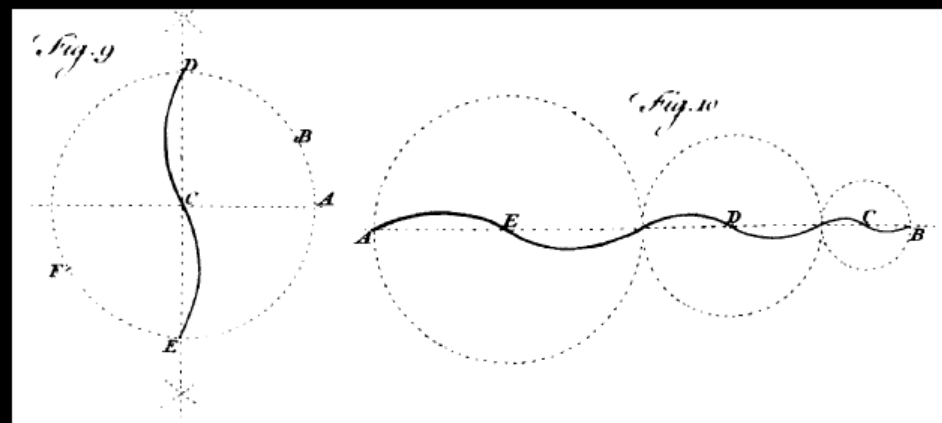
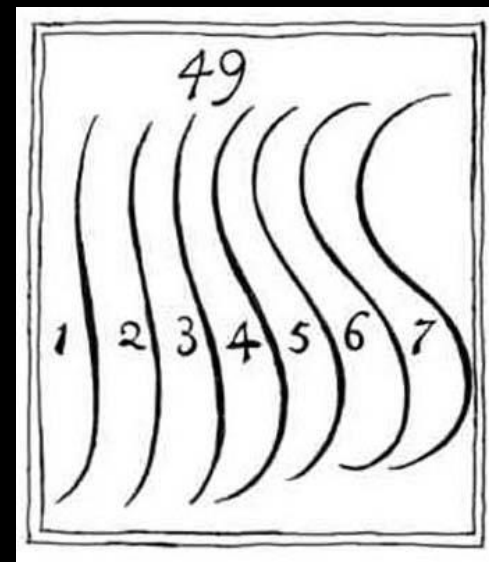
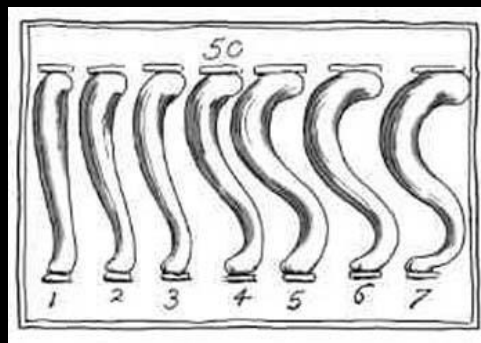
*So vary'd be, and of his tortuous train
Curl'd many a wanton wreath, in fight of Eve,
To lure her eye.----- Milton.*



L O N D O N :

Printed by J. REEVES for the AUTHOR,
And Sold by him at his House in LEICESTER-FIELDS.

MDCCLIII.



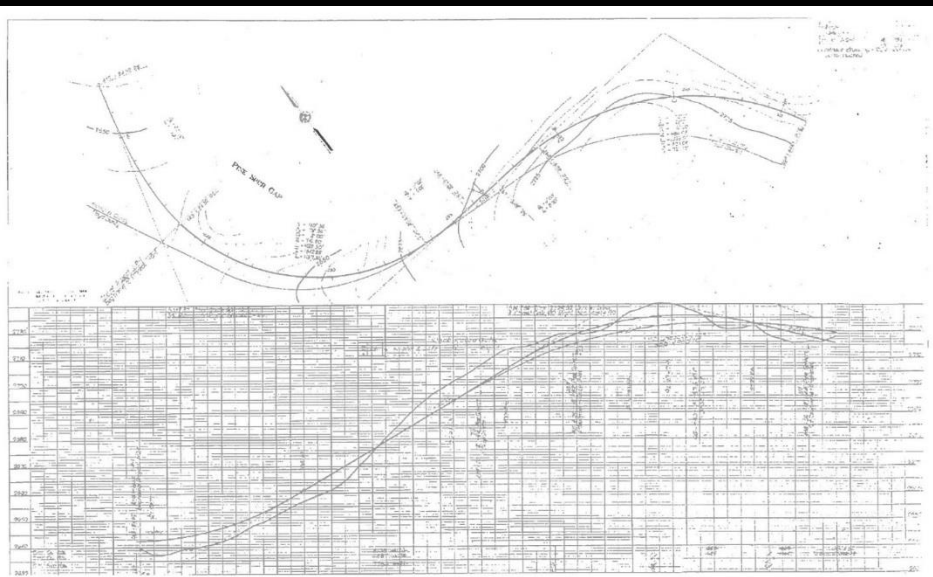
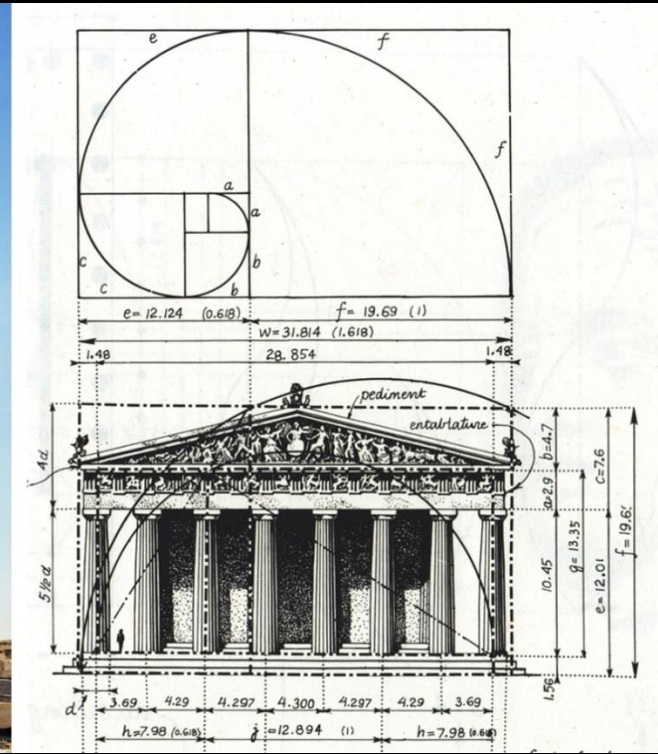
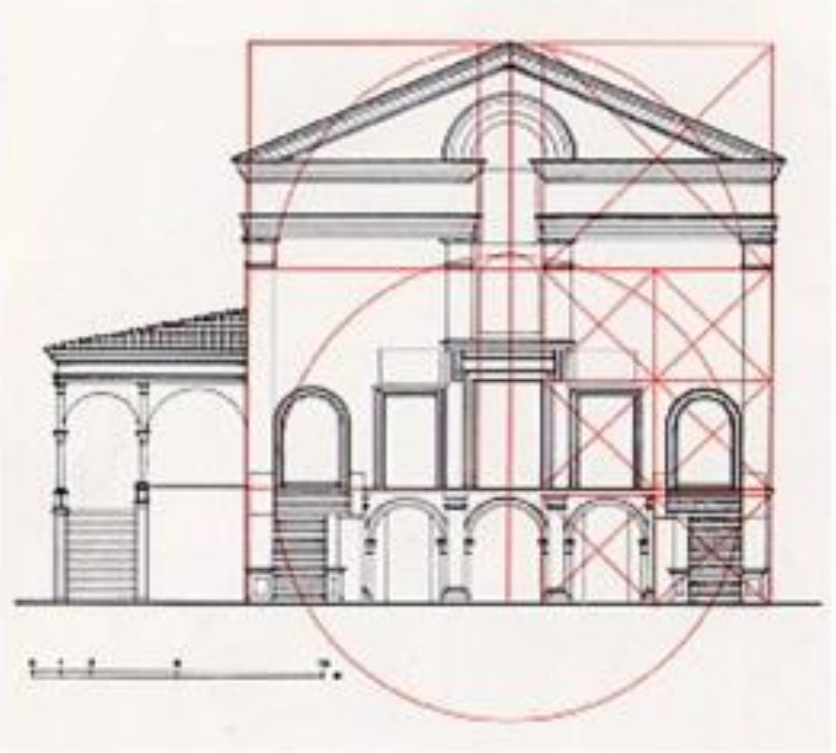
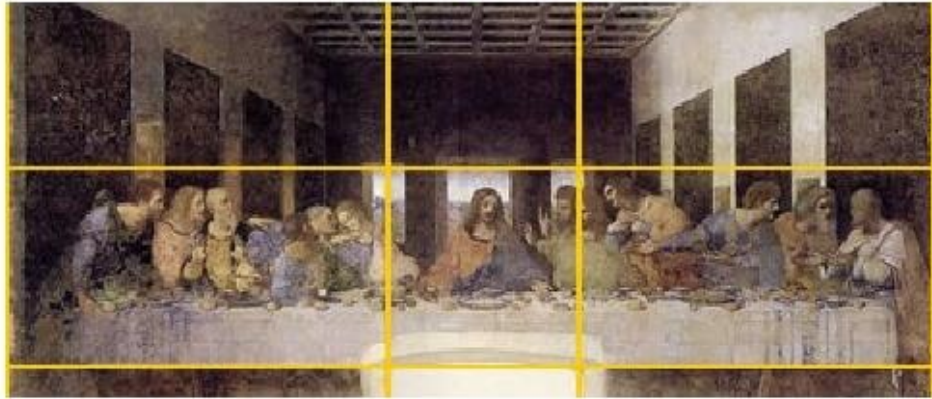
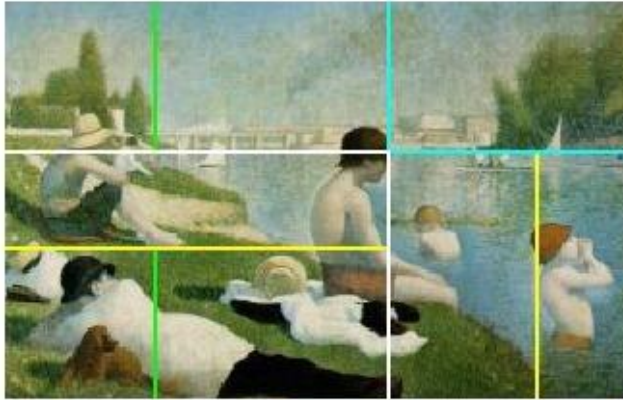


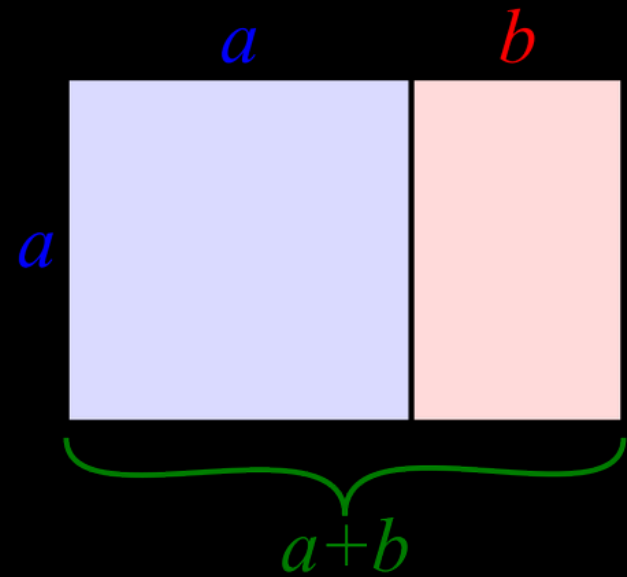
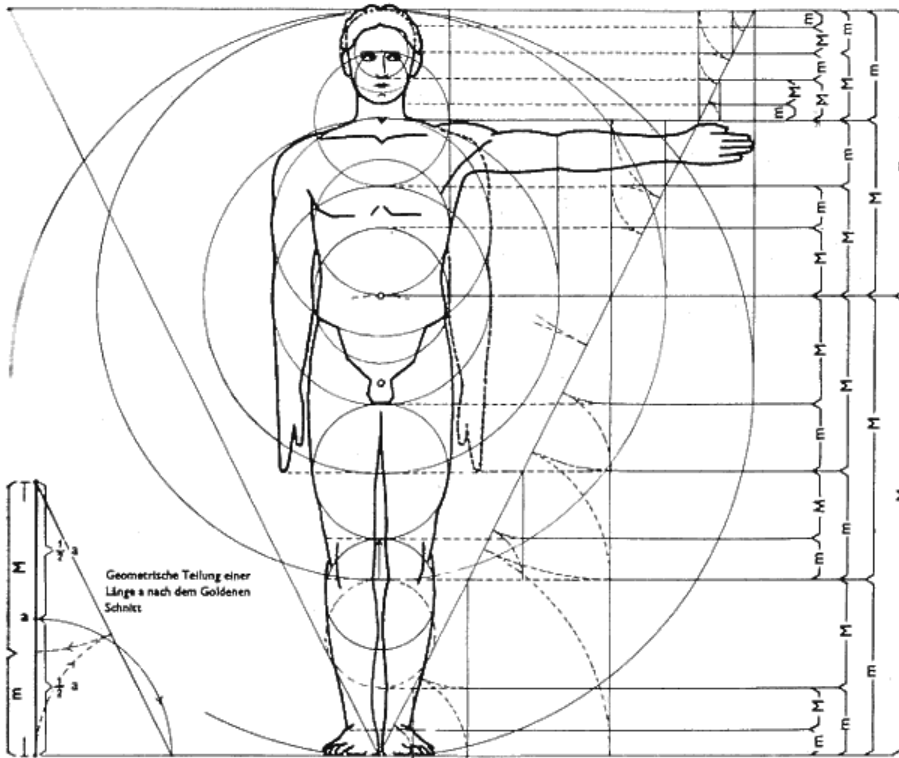
Figure 10. Engineering drawing of Section 1Q shows in phase horizontal alignment (top) with vertical alignment (bottom). NPS-BRP Archives, Asheville, NC.

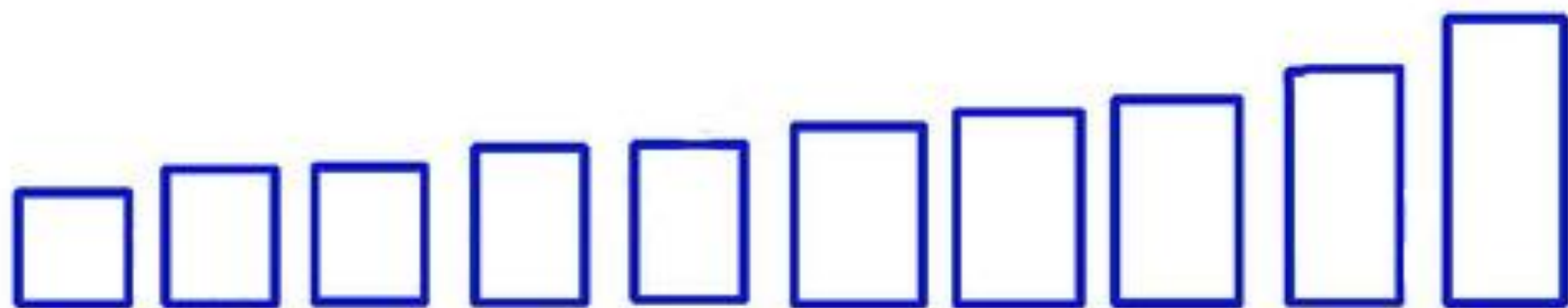


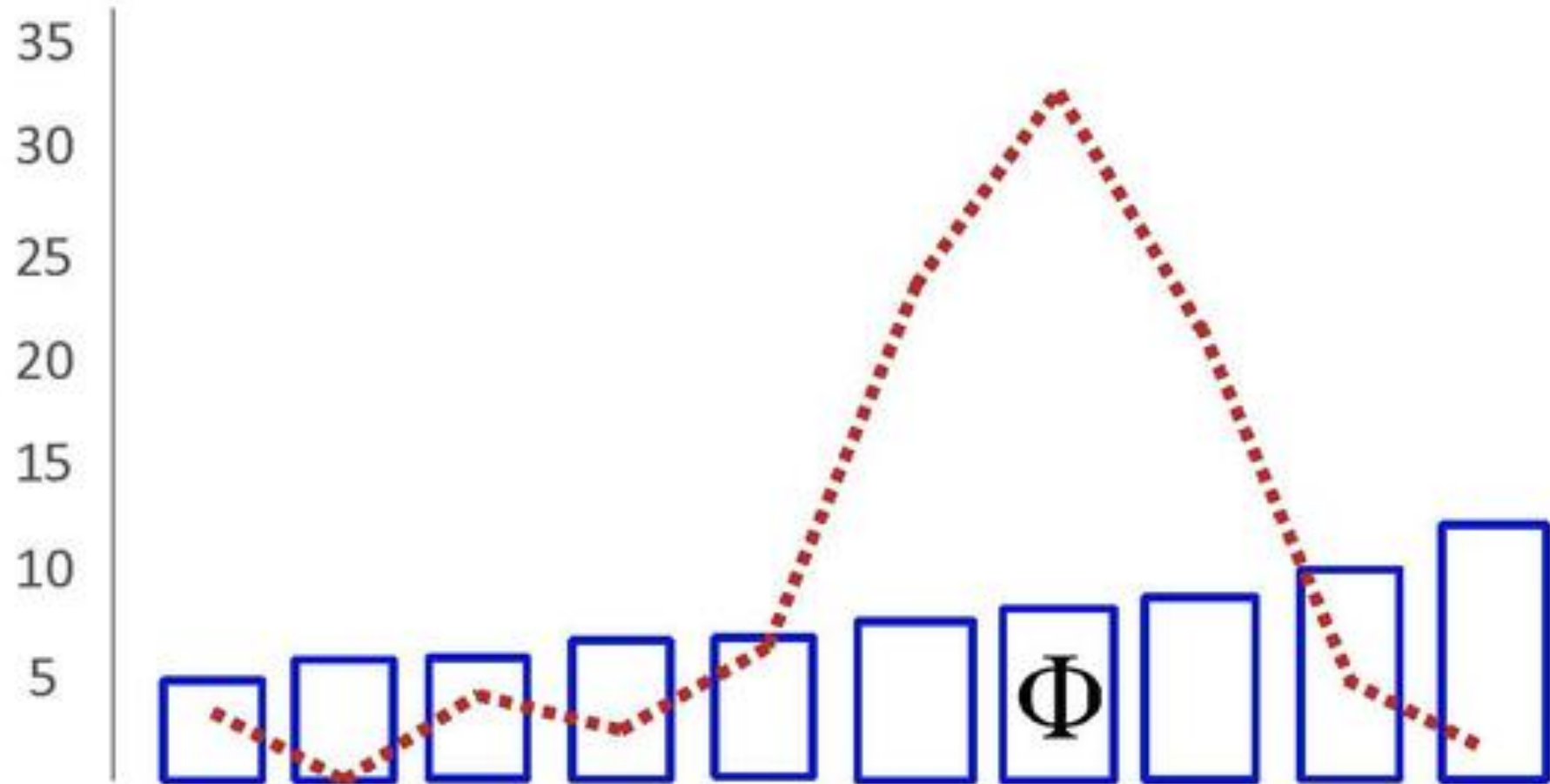


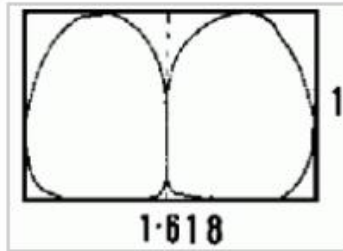
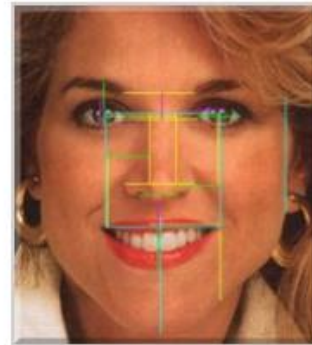
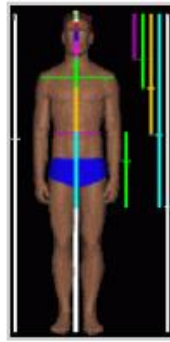
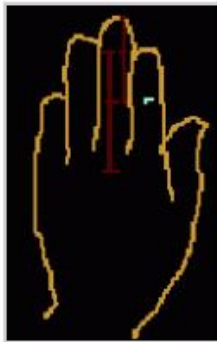
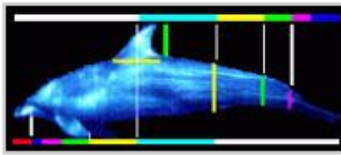


DER MENSCH DAS MASS ALLER DINGE

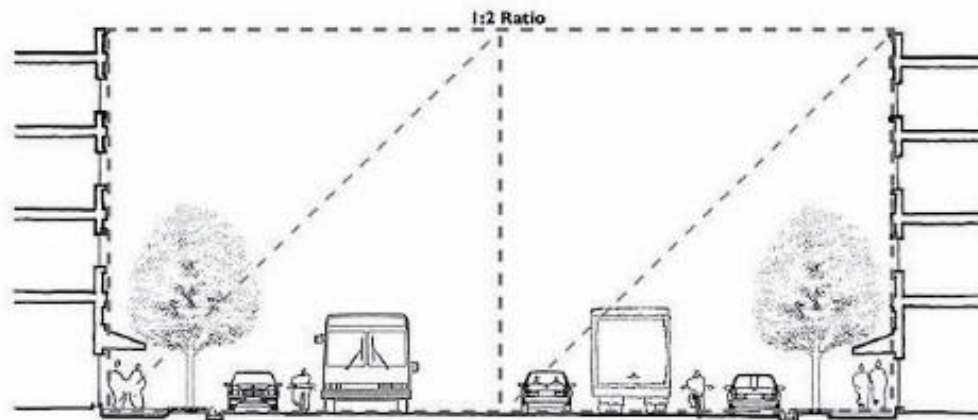
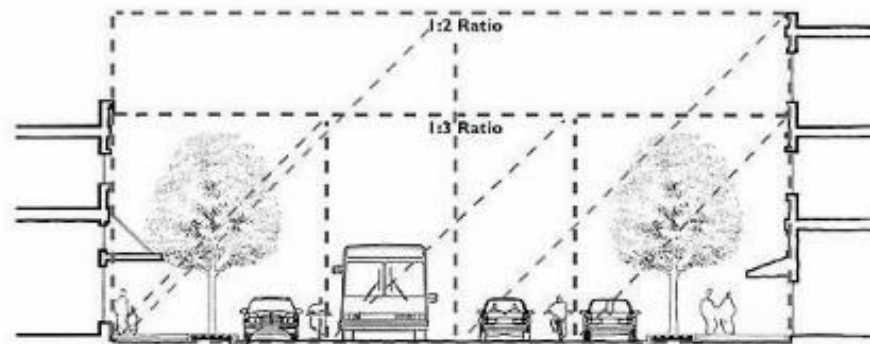


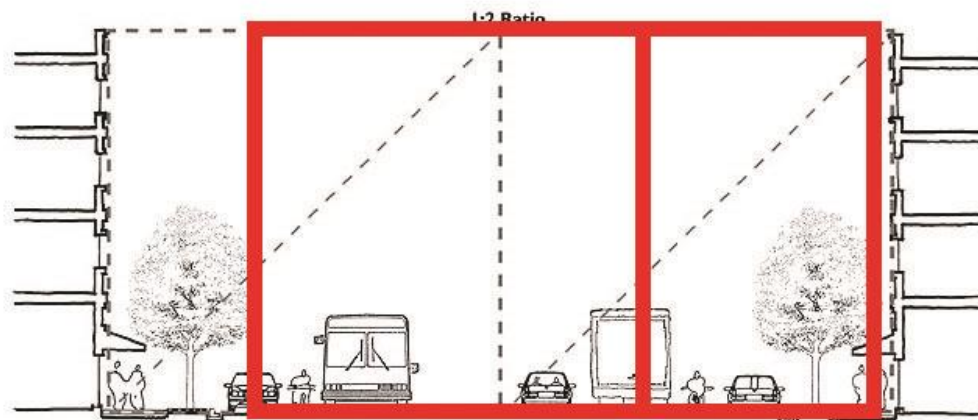
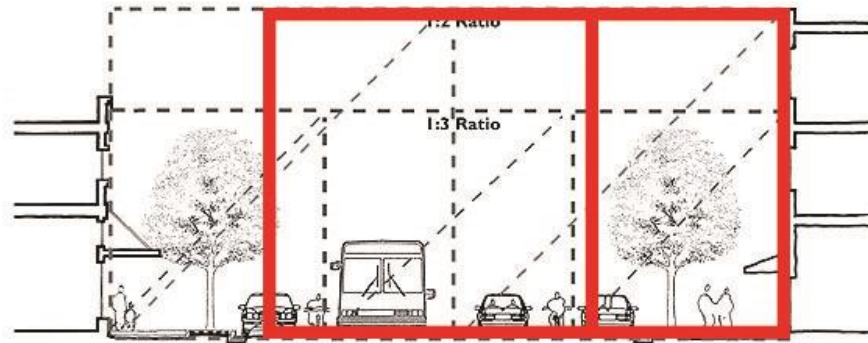














Martin Grade, Martin County







**Are our designers up to
the challenge?**



Are our designers up to the challenge?

“In bridge aesthetics the designer is dealing with the basic structure itself; not with enhancement, additions or other superficial touches. The EOR is expected to be well read on the subject of bridge aesthetics and committed to fulfilling both the structural and aesthetic needs of the site.”

Are our designers up to the challenge?

...the designer should be sensitive to how the highway will be perceived by the users. Designing aesthetic treatments is more than just providing for landscape plantings. The roadway should blend into the landscape, avoiding large cuts and fills, and round side slopes into the existing terrain.

Are our designers up to the challenge?

Horizontal and vertical alignment should be coordinated so that a driver has an opportunity to gain a sense of the local environment. Combinations of horizontal and crest vertical curves, and broken-back curves should be avoided. Excessively long tangent sections become monotonous. Either curvature or other features should be added to maintain drivers' interest.

Are our designers up to
the challenge?

*The designer should be **sensitive** to how
the highway will be perceived by the
users...*

Are our designers up to the challenge?

*The designer should be **sensitive** to how the highway will be perceived by the users...*

Chapter 1

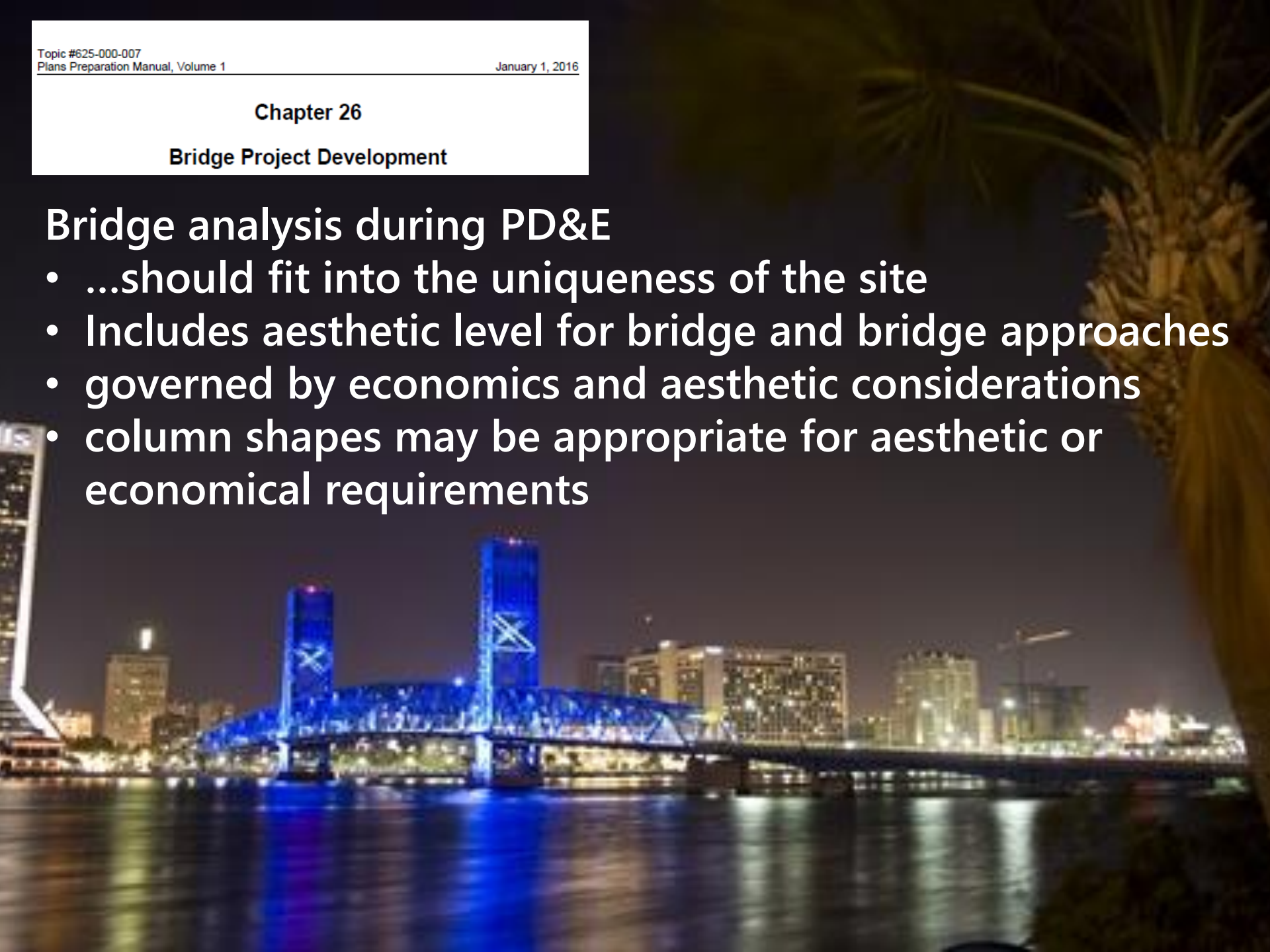
Design Controls

Chapter 26

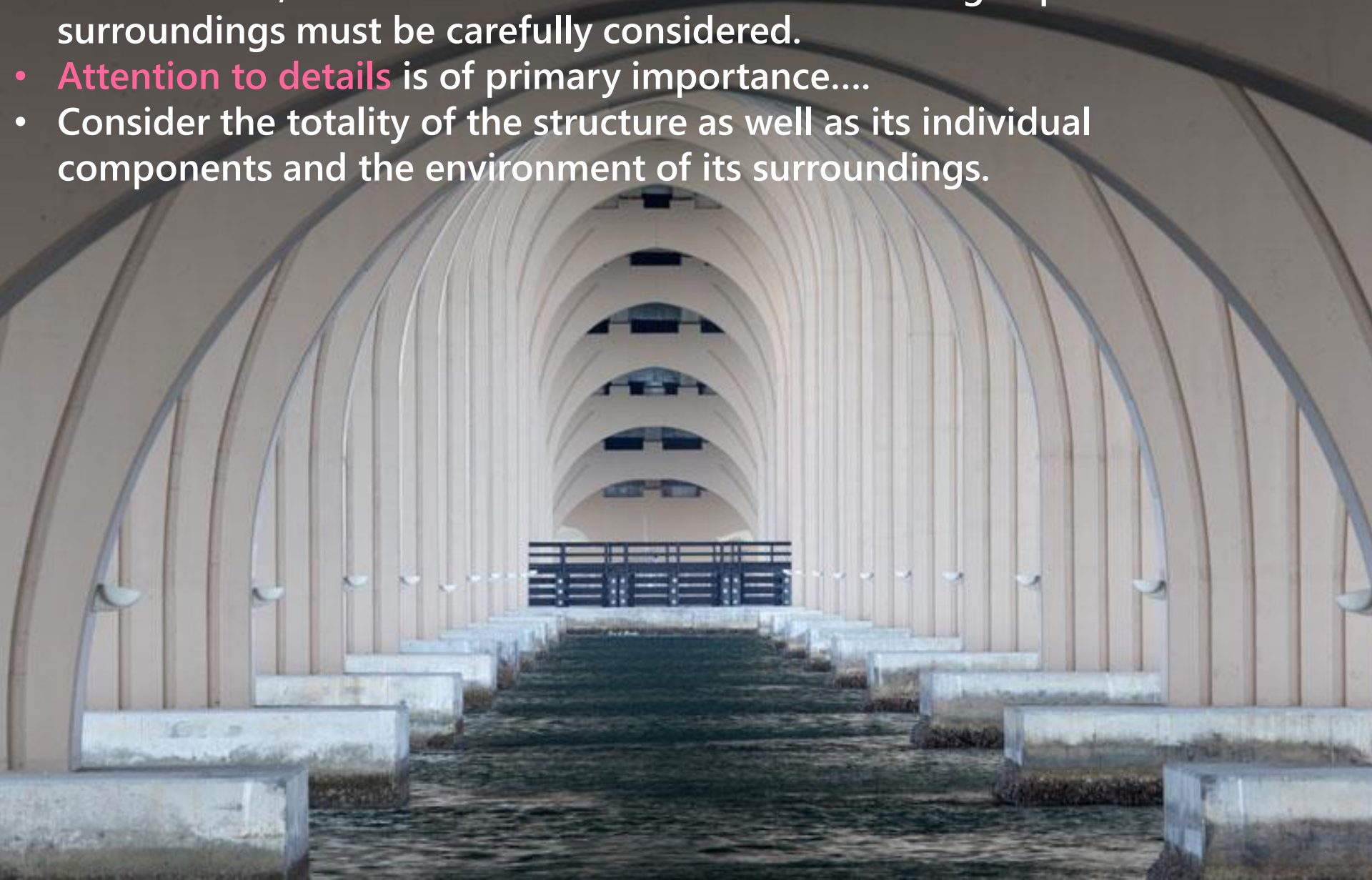
Bridge Project Development

Bridge analysis during PD&E

- ...should fit into the uniqueness of the site
- Includes aesthetic level for bridge and bridge approaches
- governed by economics and aesthetic considerations
- column shapes may be appropriate for aesthetic or economical requirements



- Any bridge design must integrate three basic elements: **efficiency** , **economy and elegance**. Regardless of size and location, the quality of the structure, its aesthetic attributes and the resulting impact on its surroundings must be carefully considered.
- **Attention to details** is of primary importance....
- Consider the totality of the structure as well as its individual components and the environment of its surroundings.









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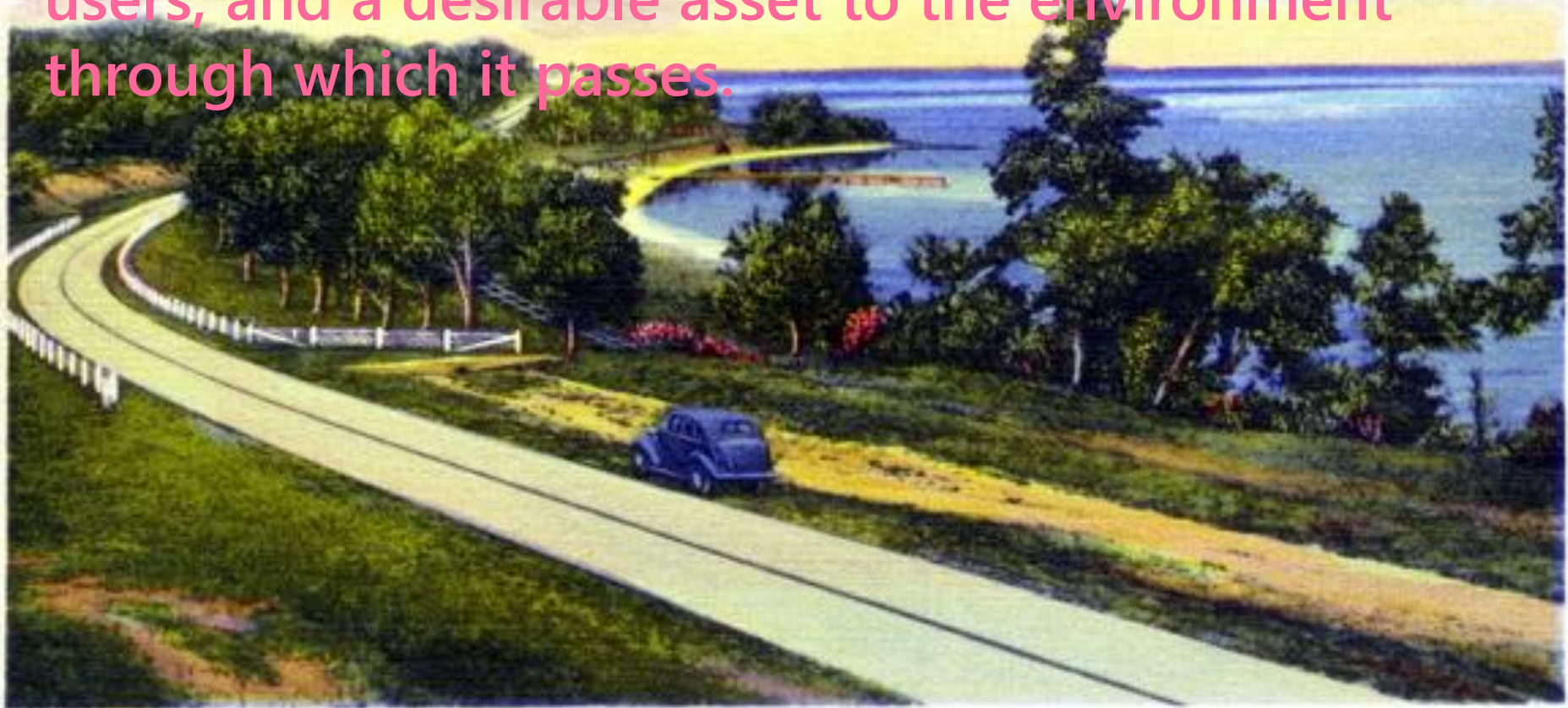
[All-Electronic No-Cash Tolling](#)



FLORIDA'S TURNPIKE:
THE LESS STRESSWAY



The "complete highway"...is soundly engineered, is of attractive, if not beautiful, appearance, safe for its users, and a desirable asset to the environment through which it passes.



8A-H994

Florida A1A









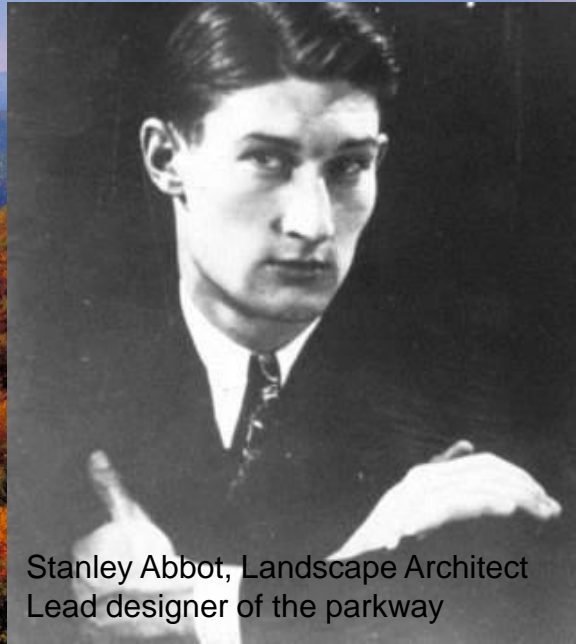


....coordinate roadway and roadside design to **fit highway locations into the topography** to conserve outstanding landscape features and to preserve the economic and aesthetic values of abutting land.

1965 AASHO Operating Committee on Roadside Development

Linn Cove Viaduct – Grandfather Mountain, NC

Completed in 1987



Stanley Abbot, Landscape Architect
Lead designer of the parkway

1937 his vision:
an environmentally
sensitive design plan
that preserves the
cultural history found
along the parkway route

...

Esthetics must be an important consideration from the beginning; it is not a trimming to be tacked on after the location is settled and the design details are half done.

Rex White FHWA Administrator, 1964



William Hogarth

The serpentine line, or the line of grace, by its waving and winding at the same time different ways, leads the eye in a pleasing manner along the continuity of its variety.

AZ QUOTES







*SR 9A & SR
202 in
Jacksonville*



© 2016 Google
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Google

30°15'16.55" N 81°30'55.26" W elev 40 f

*form
follows
function*





FLORIDA LAW
MOVE OVER OR SLOW DOWN
FOR PARKED
EMERGENCY VEHICLES
INCLUDES LAW ENFORCEMENT, PUBLIC SAFETY
AND TOW SERVICE VEHICLES
AS SOON AS IT IS SAFE, WHERE TWO OR MORE LANES IN
SAME DIRECTION, VACATE LANE CLOSEST TO EMERGENCY VEHICLE
WHERE SPEED LIMIT GREATER THAN 25 MPH
SLOW TO 20 MPH LESS THAN POSTED SPEED LIMIT
WHERE SPEED LIMIT 20 MPH OR LESS
ON TWO LANE ROAD TRAVEL AT 5 MPH
VIOLATIONS ARE A NONCRIMINAL TRAFFIC INFRACTION
PUNISHABLE AS PROVIDED IN CHAP. 318, F.S.

NOTICE
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ATTENTION
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WEDNESDAY MAY 26, 2016

ALL SECTIONS NEWS SPORTS BUSINESS CLASSIFIED OBITUARIES ENTERTAINMENT TRAVEL



Opinion

And Central Florida's ugliest roads are ...

- Lighting and lighting fixtures
- Barren medians
- Ditches
- Rusty signs
- Old street signs and signals
- Sidewalks
- Grass... weeds
- Trees



This ugly road is U.S. Highway 17-92 in Longwood. The city decided to impose a moratorium on ugliness by halting development on U.S. Highway 17-92 in Longwood.

- More walkable and attract more private investment



Orlando Sentinel Contact Reporter





Familiar excuses

- Costs too much
- Takes too much time
- Didn't know about it soon enough
- Need more right of way
- Never done it that way
- Not in the scope
- No hours in the contract
- No pay item for that
- Prohibited by the standards
- Not allowed
- Permit does not say anything about it
- No one said anything
- We thought it was what you wanted
- Not many people will see it
- Don't need it
- Not important



Madison St

W Burreigh Blvd

N Duncan Dr

500A

Lakeshore Blvd

Rails to Trails

© 2015 Google

Google earth



1995

28°48'32.80" N 81°44'04.50" W elev 19 ft eye alt 1262 ft

W Alfred St



Exit Street View



© 2015 Google
© 2015 Google

Google earth

[Report a problem](#)

28°48'28.92" N 81°44'07.90" W elev 73 ft eye alt 75 ft






Subsection 5.4.4.2 Detention and Retention Ponds

...consistent with the Highway Beautification Policy
... integrated with existing and proposed landscaping, and
adjoining land uses.

...aesthetic improvements shall be designed by an
interdisciplinary team consisting of the Landscape Architect,
Drainage Engineer, and local maintenance office.

... aesthetics design approach shall be developed early
enough ... to be included in the determination of pond
right-of-way acquisition needs.

A photograph of a park-like setting. In the center, a small bridge with three arches spans a calm pond. The bridge is light-colored and has a dark railing. The pond is surrounded by dense greenery, including tall grasses, shrubs, and trees. Some trees have yellowish-green foliage, while others are dark green. In the background, a tall lamppost and a building are visible under a clear sky. The overall scene is peaceful and well-maintained.

*Aesthetics is an acceptable design objective.
Typically, projects are not redesigned during
right of way acquisition.*













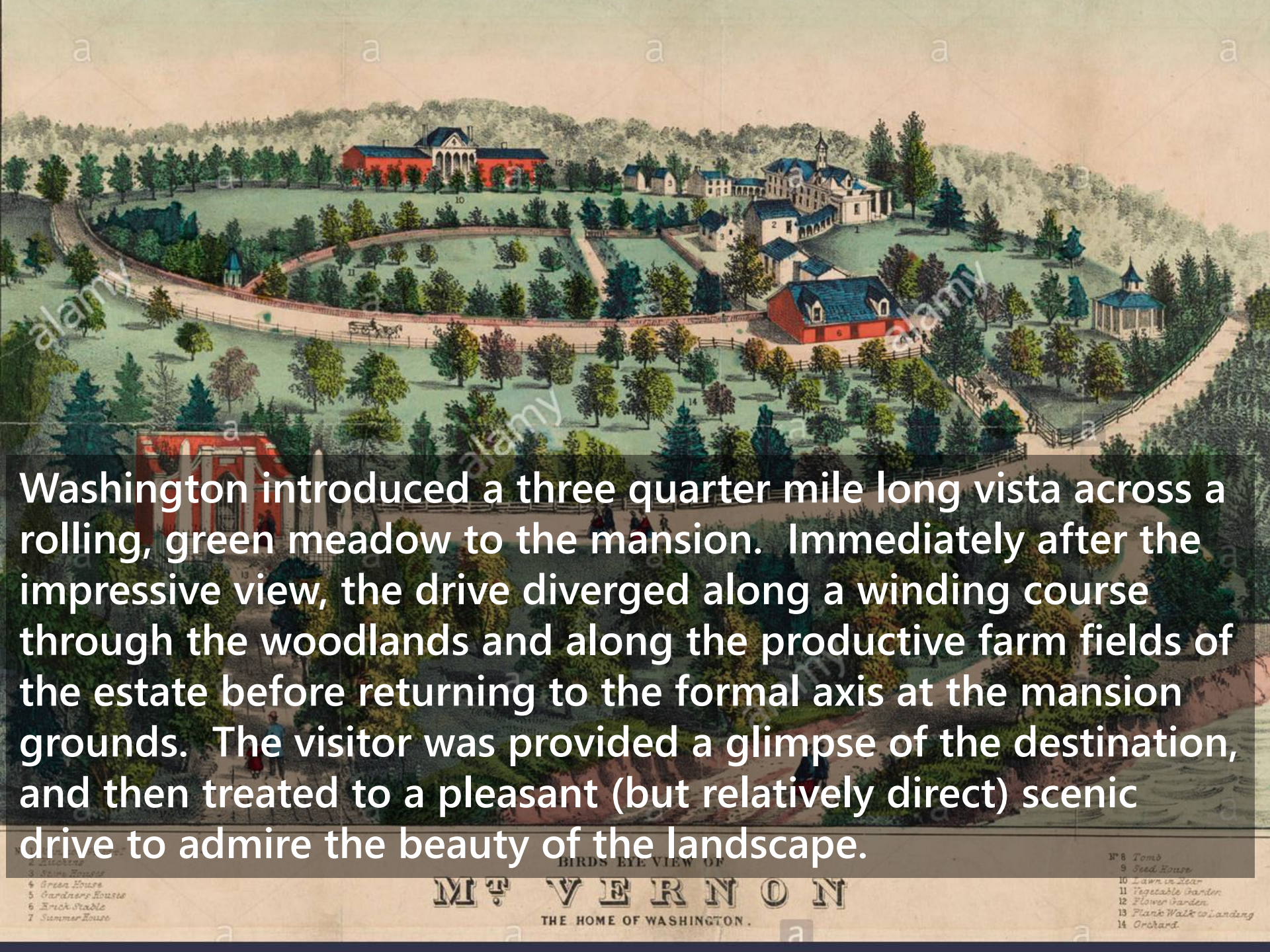












Washington introduced a three quarter mile long vista across a rolling, green meadow to the mansion. Immediately after the impressive view, the drive diverged along a winding course through the woodlands and along the productive farm fields of the estate before returning to the formal axis at the mansion grounds. The visitor was provided a glimpse of the destination, and then treated to a pleasant (but relatively direct) scenic drive to admire the beauty of the landscape.

- 1. Entrance
- 2. Main House
- 3. Green House
- 4. Gardeners House
- 5. Brick Stable
- 6. Summer House

BIRDS EYE VIEW OF
MT VERNON
THE HOME OF WASHINGTON.

- 11. Tomb
- 12. Seed House
- 13. Lawn in Rear
- 14. Vegetable Garden
- 15. Flower Garden
- 16. Plank Walk to Landing
- 17. Orchard

EXIT 9



CHANGE PROVIDED
CARS - TRUCKS
GREEN LANES





efficiency
economy
elegance





Familiar excuses

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- Takes too much time
- Didn't know about it soon enough
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- Prohibited by the standards
- Not allowed
- Permit does not say anything about it
- No one said anything
- We thought it was what you wanted
- Not many people will see it
- Don't need it
- Not important

Please relocate the “shared duct bank” to an area where trees cannot be planted. In its current position, it eliminates any planting space for large trees.

Response: The location of the shared duct bank is in an agreed upon location where it is away from any future roadway improvement.

Preferences are to have no 2:1 slopes in the R/W. These typical sections indicate steep slopes at the base of MSE walls where it seems that existing grade is suitable without additional sloped fill.

Response: Flatter (i.e. 1:3) slopes are not viable as 5'-wide flat bottom ditches that provide sufficient base clearance are required.

Recommend the use of black vinyl coated fencing where it will be visible from the mainline or adjacent to developed property.

Response: Upgrading the fence to black vinyl coated is not budgeted.

In order to comply with Department Policy, please describe the method for preserving trees or the method of mitigation proposed for the removal of trees along the corridor.

Response: All trees within the clearing and grubbing limits will be removed. The organization is planning on planting some trees on high embankment slopes as a means of mitigation.

Confirm that the ITS and other utilities on the project will be designed in such a manner that green space is preserved so large trees can be planted. This may result in the utilities being placed on the south side and/or underground utilities placed in the roadway's clear

Response: Per agreement, no utilities will be placed on the south side of the corridor. The shared duct bank has been agreed to be placed on the north slope of the corridor away from any future roadway widening on the high embankment area. At that point, some trees will be planted.